

Work Order ID 89756

Wednesday, September 05, 2012 3:25:17 PM

89756

Page 1

Item ID: D205-634-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Skidtube

Start Date: 9/5/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 9/6/2012 Req'd Qty: 1.00

1

Customer: CU-DAR001

Reference: RMA RA111414 - RETURN

Approvals: Process Plan: *WVF*

Date: *12-09-05*

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9468	A
IIN D205-634	G

100

0.00

100

QC

Quality Control

Memo

INSPECT RA 111414 D205-634-011 X 1 B#85878

*K10003 b85695 CHG 10 IS GOOD AND HAS NOT BEEN DAMAGED

*SKIDTUBE IS DAMAGED IN THE FWD END

*AFT CAP HAS NO DAMAGE

110

0.00

110

HandFinish

Hand Finishing

Memo

*REMOVE AND DISCARD HARDWARE

*REMOVE WEARPLATES AND PUT ASIDE TO RE-ASSEMBLE AFTER

*STRIP ENTIRE TUBE, BUFF OUT KNICKS AND GOUGES IN THE FWD CAPS

DART Dart Aerospace Ltd. 1270 ABERDEEN ST. HAWKESBURY/ON/CANADA/K6A 1K7				TELEPHONE #06-49 TEL 1-616-682-5200	
P/N	D205-634-011	CHG	CHG010		
DESC	Skidtube	STC	SH96-88		
LOT	B85878	STC	SR00563NY		
MODEL	Bell 205/210/212/214/412/UH-1H	STC			
PATENTS: US #5735484, CA #2222183 EUROPEAN NO. 70828555				MADE IN CANADA	

AG for MLS 12-9-13

1 x 4 all u/a loc

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

89756

Wednesday, September 05, 2012 3:25:17 PM

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 9/5/2012 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 9/6/2012 **Req'd Qty:** 1.00 *** 1 ***

Customer: CU-DAR001

Reference: RMA RA111414

Approvals: _____ **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Set Up/ Run Hours

Tool ID

Tool #

Plan Code

**Accept
Qty**

Reject
QtyReject
Number

Insp. Stamp

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

130

Pressure Wash per QSI005 4.3

0.00

130

HandFinish

Memo

0.00

Hand Finishing

Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd cap out of solution.

140

QC7-Inspect Chemical Conversion Coat

0.00

140

QC

Memo

0.00



Quality Control

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA AW Date: 12/09/18QA Closed: CL Date: 12/9/20

Work Order: <u>89756</u> Part No. <u>D205-634-011</u> NCR No. <u>12-1818</u>				DISPOSITION Rework <input checked="" type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input checked="" type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data	12/09/18	2	1	Found when test fitting of NCR sample that the skid tube had a high spot from rework	DAS 12/09/18 (ASTOR) 12/01/10	 Repair work with high spot as is. 	 12-9-11	 12/09/11	DAS 16 12/09/18 Q57042 12/09/10
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
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☐ Ovalized
☐ Over/Under tolerance
☒ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge

☐ Pressure/Forced
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

Work Order ID 89756

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Item ID: D205-634-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Skidtube

Stop ***NS2***

Start Date: 9/5/2012 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 9/6/2012 Req'd Qty: 1.00 ***1***

Customer: CU-DAR001

Reference: RMA RA111414

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
150									
Powdercoat									
Powder Coating									
W121841									
	Memo								
	START TIME: 11:10	0.00							
	OVEN TEMPERATURE: 320 F								
	FINISH TIME: 11:40								
160	QC3- Inspect Part Finish	0.00							
160									
QC									
Quality Control									
	Memo								

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Item ID: D205-634-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Skidtube

Stop ***NS2***

Start Date: 9/5/2012 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 9/6/2012 Req'd Qty: 1.00 ***1***

Customer: CU-DAR001

Reference: RMA RA111414

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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170

0.00

170

HandFinish

Hand Finishing

Memo

0.00

1-Install inserts & *ORIGINAL*wearplates & Gaskets as per Dwg. D2580. Use a drop of Sikaflex on insert holes before installing wearplates

A/R Sikaflex-291 AA122443

Sikaflex expire date: 13103

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580

3-Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with Sikaflex. Clean excess adhesive

A/R Sikaflex-291 AA122443

Sikaflex expire date: 13103

5-Wing Walk as per Dwg D2580 and QSI 005 4.4

Batch: AA120328

1x 0 14 12/09/11

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Item ID: D205-634-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Skidtube

Stop ***NS2***

Start Date: 9/5/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 9/6/2012 Req'd Qty: 1.00

1

Customer: CU-DAR001

Reference: RMA RA111414

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

180

QC5- Inspect part completeness to step on W/O

0.00

180

QC

Memo

0.00

Quality Control

L2 85695

190

Identify as per dwg & Stock Location:

0.00

190

Packaging

Memo

0.00

Packaging

ID AND STOCK UNDER NEW BATCH NUMBER

200

QC21- Final Inspection - Work Order Release

0.00

200

QC

Memo

0.00

Quality Control

CH6010

12/9/13

12/11/17

12-09-14

Picklist Print

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Page 1

Work Order ID: 89756

Parent Item: D205-634-011

Parent Item Name: Skidtube

Start Date: 9/5/2012

Required Date: 9/6/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:P02.08.28Removed QC5 from Step 5KJ
 IPP Rev:Q 08-08-12 now @ chg 006 (DSI 9417) DD verf:EC
 IPP Rev R 09.01.28 now chg 007 DSI9417 revB EC verf:DD IPP Rev:S 10.12.01 as per chg008
 DD verf:EC IPP REV:T 12.01.23 AS PER ECN11-684 VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D205-634-011 Skidtube		Manufactured	No				Each	17.0000		1			

Location	Loc Qty	Loc Code
FG	1	
55399	0	
83758	1	
83760	1	
85884	1	
FG073	15	
85880	1	
86167	1	
87834	1	
87836	1	
87838	1	
88017	1	
88019	1	
89299	1	
89301	1	
89302	1	
89462	1	
89464	1	
89466	1	
89468	1	
FG073P	-1	

1 X 85878 - MF 12-09-05

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced					
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure					
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld					
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled					
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved	<input type="checkbox"/> Other					
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong						
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge						
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset							
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration							
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence							
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions							

Picklist Print

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Page 1

Work Order ID: 89756

Parent Item: D205-634-011

Parent Item Name: Skidtube

Start Date: 9/5/2012

Required Date: 9/6/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:P02.08.28Removed QC5 from Step 5KJ
 IPP Rev:Q 08-08-12 now @ chg 006 (DSI 9417) DD verf:EC
 IPP Rev R 09.01.28 now chg 007 DSI9417 revB EC verf:DD IPP Rev:S 10.12.01 as per chg008
 DD verf:EC IPP REV:T 12.01.23 AS PER ECN11-684 VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
ALS4-1032-130 Insert		Purchased	No				Each	4,195.0000		50			

Handwritten: N/A
 original inserts stay

Location	Loc Qty	Loc Code
279	3000	
122763	3000	
ST280	205	
119084	116	
120671	89	
ST281	850	
120807	36	
120837	8	
122474	806	
ST282	140	
121269	140	

AN3-5A
 Bolt

Purchased No

Each 1,536.0000

Handwritten: 2 12/09/11

Location	Loc Qty	Loc Code
ST350	1536	
115371	46	
117423	121	
119355	200	
120187	163	
121185	6	
122416	500	
122800	500	

Handwritten: x2

Picklist Print

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Page 2

Work Order ID: 89756

Parent Item: D205-634-011

Parent Item Name: Skidtube

Start Date: 9/5/2012

Required Date: 9/6/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C4A Purchased No Each 2,180.0000
BOLT

50 nloglu

Location	Loc Qty	Loc Code
ST350	2180	
120187	31	
120521	28	
120769	38	
121205	61	
121556	8	
122151	42	
122416	4	
122814	1968	

AN960C10L washer NAS1149C0332R Purchased No Each 21.0000

X50
M 122063 (x50) nloglu

Location	Loc Qty	Loc Code
ST	21	
107534	21	

AN960JD10L Washer NAS1149D0332J Purchased No Each 0.0000

M 121708 (x2) nloglu

D2594-1 Plug, 205 Skidtube Manufactured No Each 598.0000

16 nloglu

Location	Loc Qty	Loc Code
FP001	160	
73401	30	
74442	6	
79495	28	
88509	85	
88922	11	
FP002	181	
85454	181	
FP-A	257	
73401	0	
86391	257	

X 16

Picklist Print

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Work Order ID: 89756

Parent Item: D205-634-011

Parent Item Name: Skidtube

Start Date: 9/5/2012

Required Date: 9/6/2012

Start Qty: 1.00

Required Qty: 1.00

D2594-3 Manufactured No Each 1,240.0000
O-Ring, 205 Skidtube

M 16 n/09/12

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	1240	
65518	41	
79496	984	
79573	50	
<u>79755</u>	165	

x16

D2855 ~~X~~ Manufactured No Each 78.0000
Cap

M 1 n/09/10G

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	15	
<u>84952</u> (original)	15	
FP002	67	
73347	1	
86441	60	
FP005	-4	
88992	2	

x1

D3566-1 Manufactured No Each 33.0000
Gasket

M 2 n/09/11

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP	-32	
FP002	65	
68924	2	
80919	2	
81619	3	
84879	1	
<u>89051</u>	25	

x2

D3566-13 Manufactured No Each 21.0000
Gasket

M 1 n/09/12

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP002	21	
84880	6	
<u>89050</u>	15	

x1

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Shop Packet Print

Page 3

Picklist Print

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Work Order ID: 89756

Parent Item: D205-634-011

Parent Item Name: Skidtube

Start Date: 9/5/2012

Required Date: 9/6/2012

Start Qty: 1.00

Required Qty: 1.00

D3566-5

Manufactured No

Each 47.0000

Gasket

u 1 u/ogly

Location

Loc Qty

Loc Code

FP

1

86241

1

FP002

24

80374

1

84881

1

89052

22

FP015

22

89219

22

x1

RA111414 D205-634-011

B85878

Received @ Dart August 15th, 2012
Inspected @ Dart August 15th, 2012

Customer: AFRICAIR Inc.
Customer Contact:
Shipped from: MIAMI FL USA

Instructions for RA 111414 D205-634-011 B85878 CHG 010

- Just received RA sheets today August 28, 2012
 - See pictures attached
 - Kit is complete.
 - Put **K10003 B#85695 CHG 010** back into stock under original B#
 - Skid tube damage is in the fwd. end.
 - the cap has some nicks , gouges out of it
 - Some scratched in the powder coat.
 - The aft cap has NO damage to it nor is there any damage to the rest of the skid tube.
 - As a repair scheme I would say to strip the entire tube, buff out the nicks, gouges in the fwd. cap and then re powder coat, re wing walk, and reassemble with new hard ware (bolts and washers) the original wear plates.
 - Need a new work order for repair of this tube
 - For restocking after reworking tube need new labels and paper work
 - Tube will need new BATCH #
- put back with skid tube*

**DO NOT HOLD RETURNED "K" KIT FOR
THIS TUBE**

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Time Estimate = 7 HOURS

Departments Required: 1h QC, 5h FINISHING, and 1h Stores

Pictures Attached = YES

**THIS INSTRUCTION SHEET MUST
BE ATTACHED TO THE
RESTOCKING WORK ORDER AT
ALL TIMES!!!!**

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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